Concept and Technology
Development

System Development and
Demonstration

Production and Deployment

Operations and Support

MISSION

Link battlefield automation assets, communications media, and operational facilities to support commanders and their staffs in collecting and analyzing information, developing plans and orders, and monitoring the tactical battlefield, while simultaneously planning future operations.

DESCRIPTION AND SPECIFICATIONS

Army Battle Command System (ABCS) is the Army's component of the Global Command and Control System (GCCS). It is a complex system of systems that provides the mechanism to receive and transmit information among the joint forces. The systems that comprise ABCS when fielded as a system of systems, provide the core capability to facilitate world-class C4ISR on the battlefield.

The ABCS consists of subsystems for the battlefield functional areas (BFAs), each of which supports and provides information to other systems, and provides situational awareness of the battlefield. By integrating the ABCS components through the Joint Common Database (JCDB), the common tactical picture can be viewed at any workstation, to the operator's specific requirements. In addition, ABCS subsystems provide an array of specialized capabilities and applications for commanders of diverse units at all levels. The adjacent table shows the ABCS subsystems and describes their functions.

FOREIGN COUNTERPART

No known foreign counterpart

FOREIGN MILITARY SALES

None

PROGRAM STATUS

• ABCS is a system of systems, not a formal program.

PROJECTED ACTIVITIES

• Develop the ABCS infrastructure (e.g., JCDB, Command and Control Registry, and ABCS servers). Integrate ABCS subsystems into ABCS Version 6.2, 7.0, and beyond.

PRIME CONTRACTORS

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BFA	ABCS Subsystem	Functionality
Global C2	GCCS-A	Provides access to the Global Command and Control System.
Maneuver	MCS, FBCB2,	Plans, coordinates, and controls current EBC and future operations. Develops situational awareness and the common tactical picture.
Intelligence	ASAS	Develops and provides pictures of enemy situations, from national, theater, and tactical sources.
Fires	AFATDS	Provides automated support for the planning, coordination, control, and execution of close support and deep fires from Army and joint assets.
Topographic	DTSS	Produces tactical topographic products, services including digital and full color paper maps of the battlefield.
Air Defense	FAAD C2	Integrates air defense units, sensors, and command and control centers into a system for defeating low-altitude air threat and enables the commander to plan and control the counter-air fight.
Combat Service	CSSCS	An automated system for logical, medical, financial, and personnel support to assist decision-making and the battle planning process.
Weather	IMETS	Provides weather information, based on information from Air Weather Service and other sensors.
Airspace	A2C2	Provides the capability to plan air management movements and track aircraft during movement, and to enable deconfliction with weapons systems planning and operations.

Army Battle Command System (ABCS)
Modernization